

Figure 1A

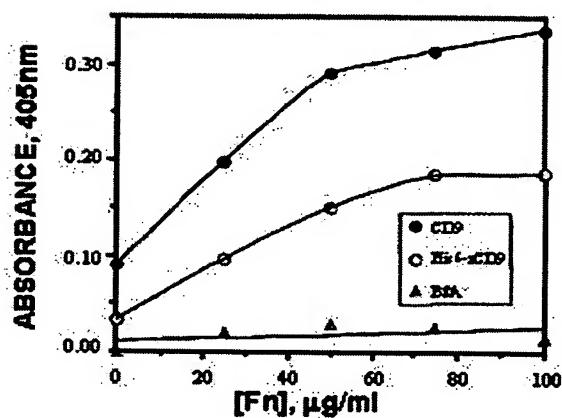


Figure 1B

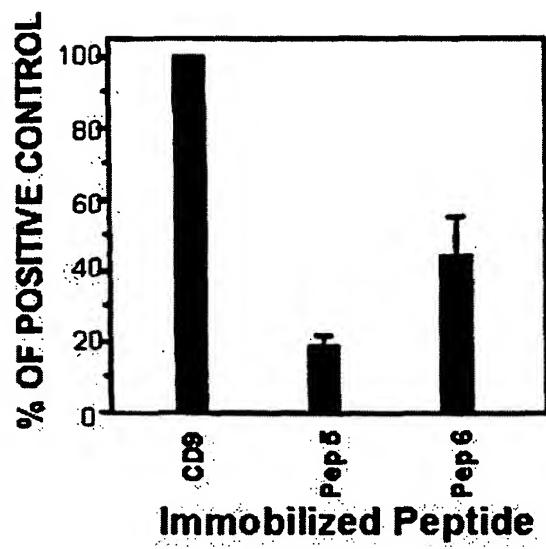


Figure 2A

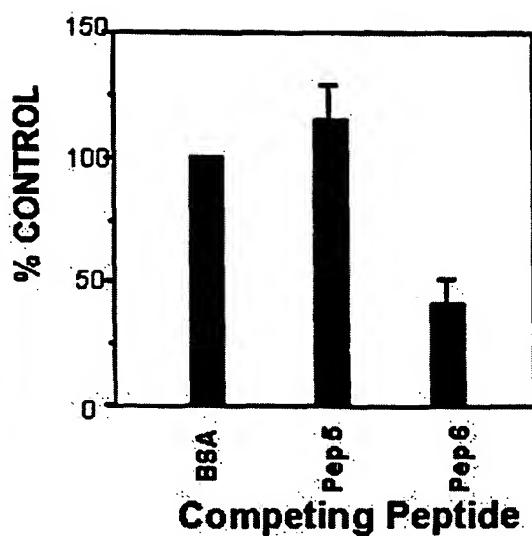


Figure 2B

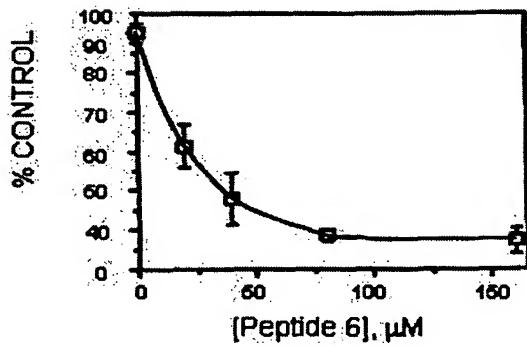


Figure 2C

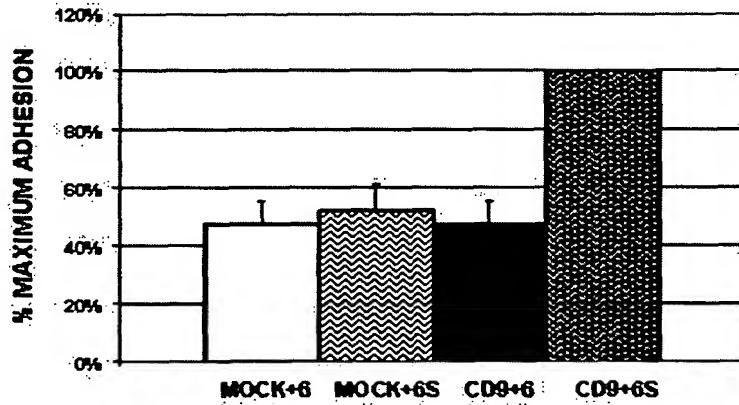


Figure 2D

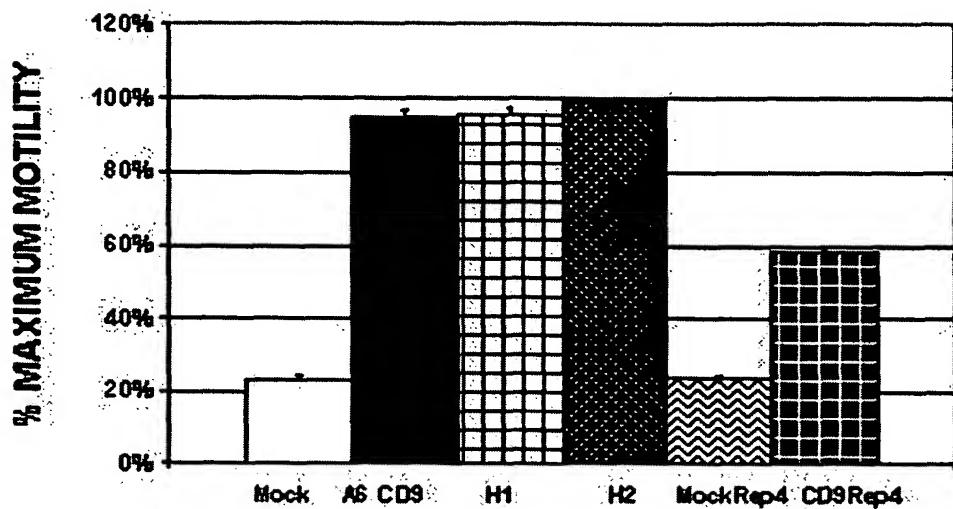


Figure 3

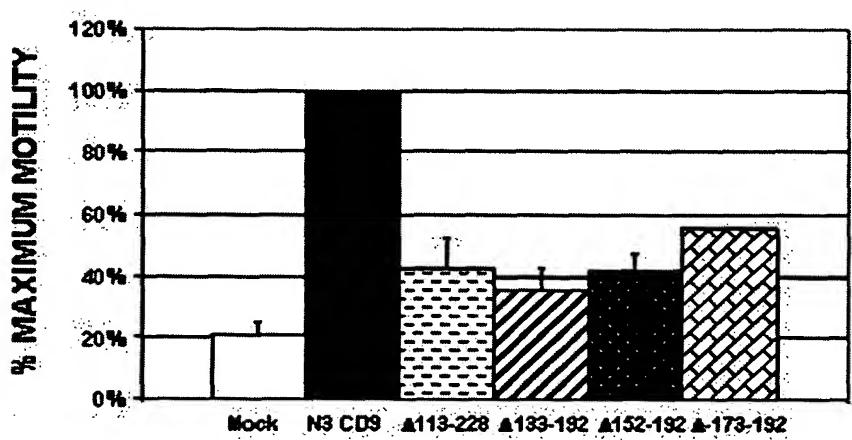


Figure 4A

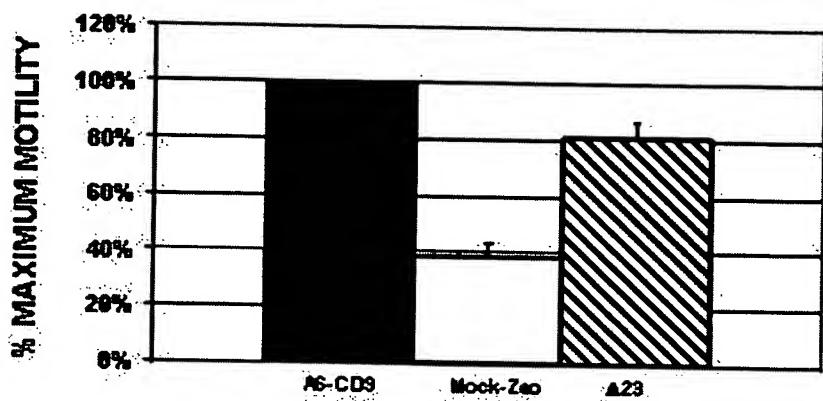


Figure 4B

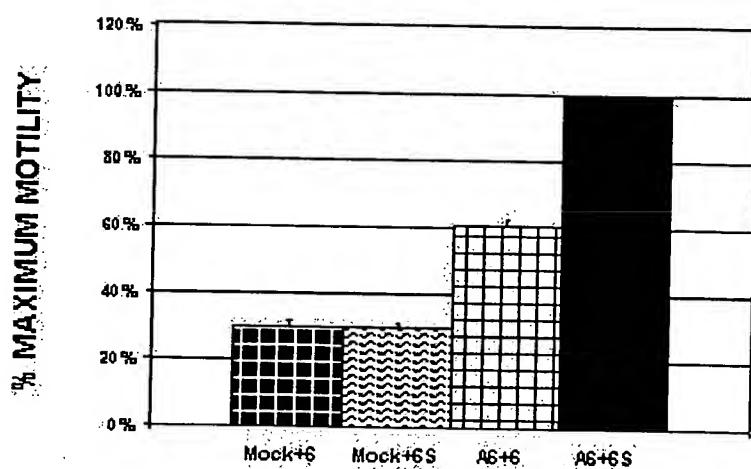


Figure 4C

	EC1 start			
	10	20	30	40
C09	M P V K O O T K C I K Y L L F O F N F I F W L A G I A V L A I G L W L R F D E Q T K S I			
A113-228	- - - - -	- - - - -	- - - - -	- - - - -
A133-192	- - - - -	- - - - -	- - - - -	- - - - -
A152-192	- - - - -	- - - - -	- - - - -	- - - - -
A173-192	- - - - -	- - - - -	- - - - -	- - - - -
A23	- - - - -	- - - - -	- - - - -	- - - - -
	EC1 mid			
	50	60	70	80
C09	F E Q E T H N N N E B F Y T O V Y I L I Q A G A L M M L V O F L O C C O A V O E B Q G M			
A113-228	- - - - -	- - - - -	- - - - -	- - - - -
A133-192	- - - - -	- - - - -	- - - - -	- - - - -
A152-192	- - - - -	- - - - -	- - - - -	- - - - -
A173-192	- - - - -	- - - - -	- - - - -	- - - - -
A23	- - - - -	- - - - -	- - - - -	- - - - -
	EC2 start			
	90	100	110	120
C09	L O L F F O F L L V I I F A I E I I A A A I W O Y E H K D E V I K E V Q E F Y K O T Y N K E			
A113-228	- - - - -	- - - - -	- - - - -	- - - - -
A133-192	- - - - -	- - - - -	- - - - -	- - - - -
A152-192	- - - - -	- - - - -	- - - - -	- - - - -
A173-192	- - - - -	- - - - -	- - - - -	- - - - -
A23	- - - - -	- - - - -	- - - - -	- - - - -
	EC2 mid			
	130	140	150	160
C09	A K T K D E P Q R E T L K A I S H Y A L N C C O G L A G Q V E Q F I B D I C P K K D V L E T F			
A113-228	- - - - -	- - - - -	- - - - -	- - - - -
A133-192	- - - - -	- - - - -	- - - - -	- - - - -
A152-192	- - - - -	- - - - -	- - - - -	- - - - -
A173-192	- - - - -	- - - - -	- - - - -	- - - - -
A23	- - - - -	- - - - -	- - - - -	- - - - -
	EC2 end			
	170	180	190	200
C09	T V K S C P D A Y K E V F O N K F H I I Q O A V G I G I A V V V M I F Q N I F B M I L O C			
A113-228	- - - - -	- - - - -	- - - - -	- - - - -
A133-192	- - - - -	- - - - -	- - - - -	- - - - -
A152-192	- - - - -	- - - - -	- - - - -	- - - - -
A173-192	- - - - -	- - - - -	- - - - -	- - - - -
A23	- - - - -	- - - - -	- - - - -	- - - - -
	EC3			
	210	220	230	240
C09	A I R R N R E H V			
A113-228	- - - - -	- - - - -	- - - - -	- - - - -
A133-192	- - - - -	- - - - -	- - - - -	- - - - -
A152-192	- - - - -	- - - - -	- - - - -	- - - - -
A173-192	- - - - -	- - - - -	- - - - -	- - - - -
A23	- - - - -	- - - - -	- - - - -	- - - - -

Figure 5

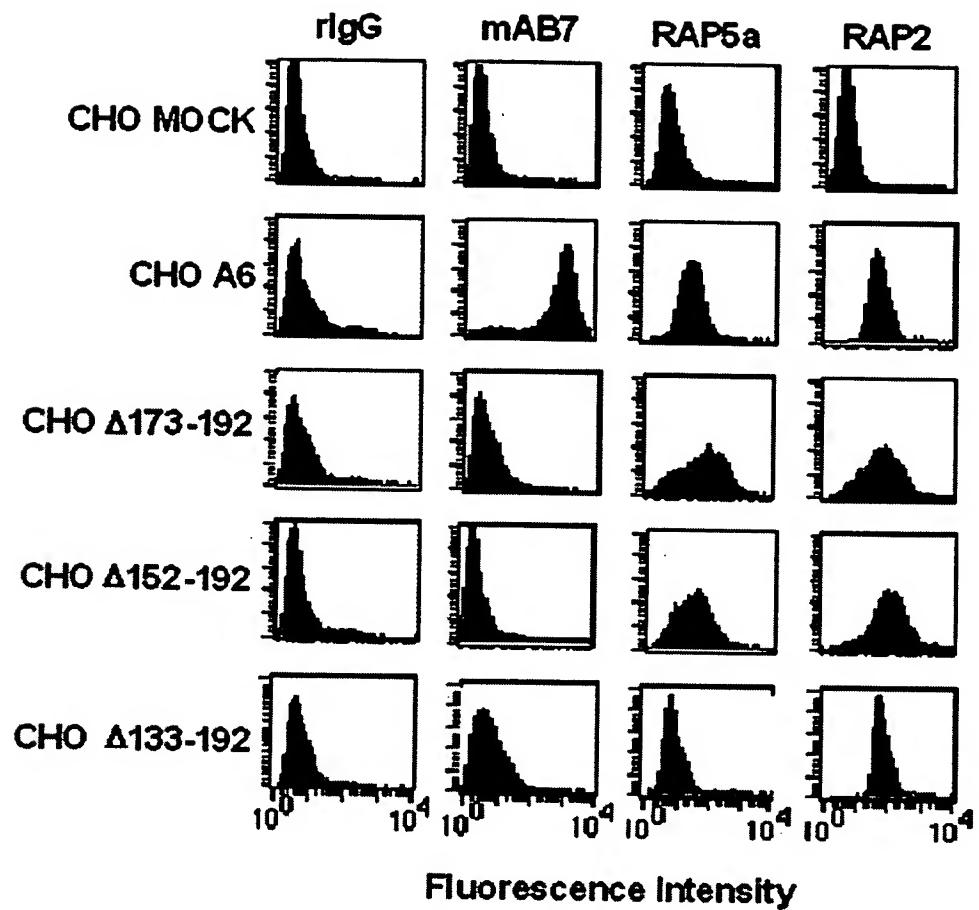
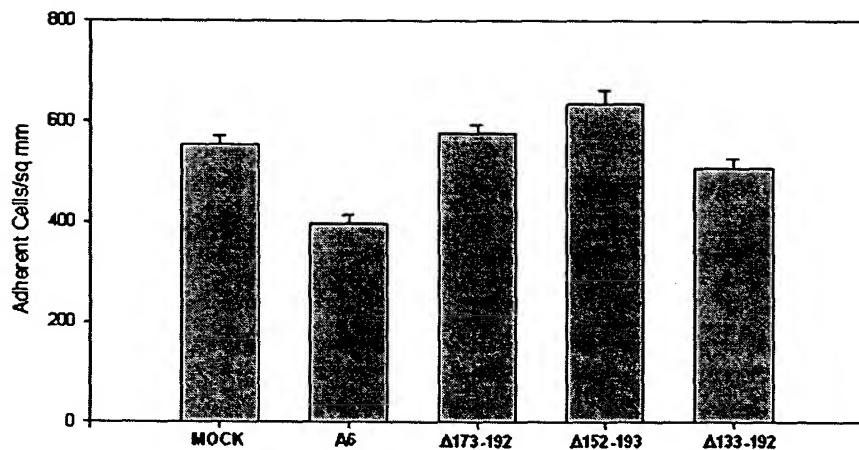
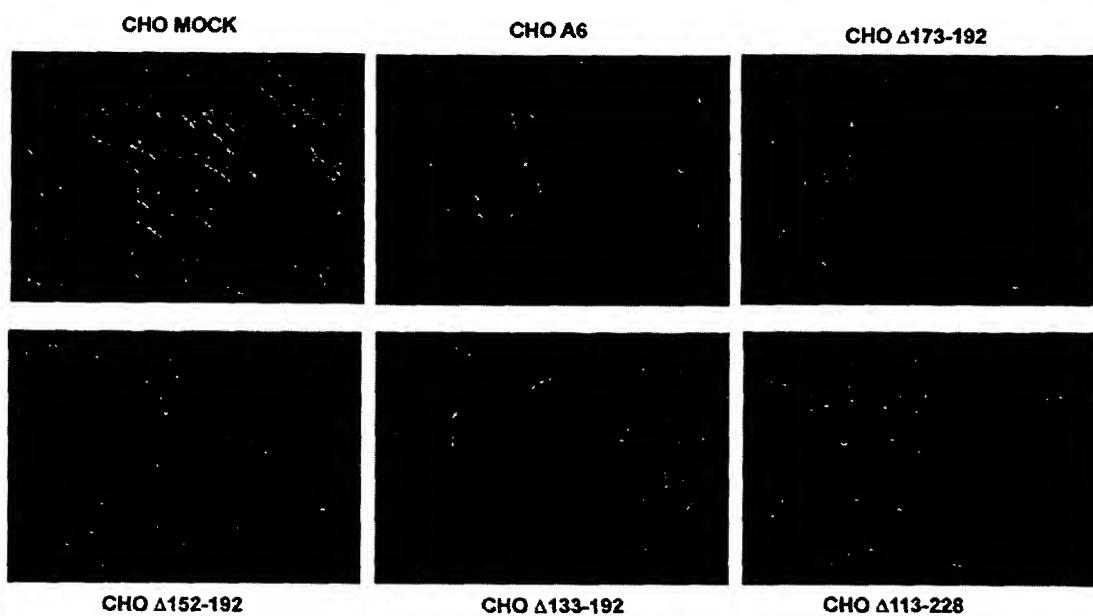


Figure 6

A**B****Figures 7A-B**

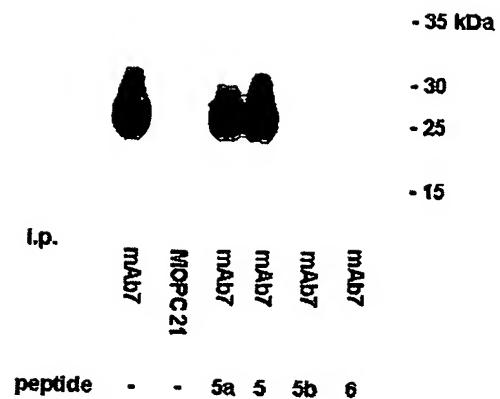


Figure 8A

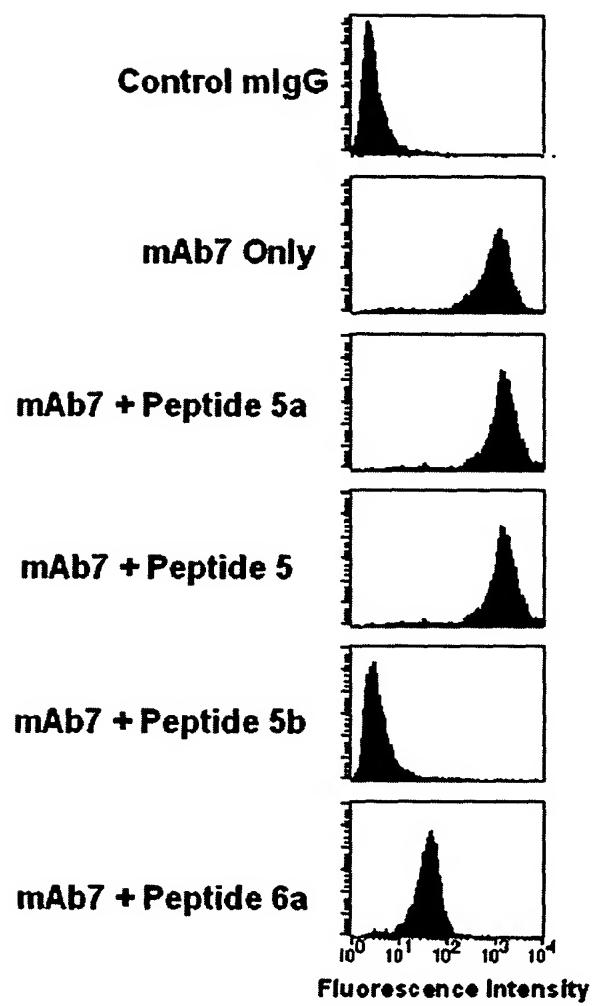


Figure 8B

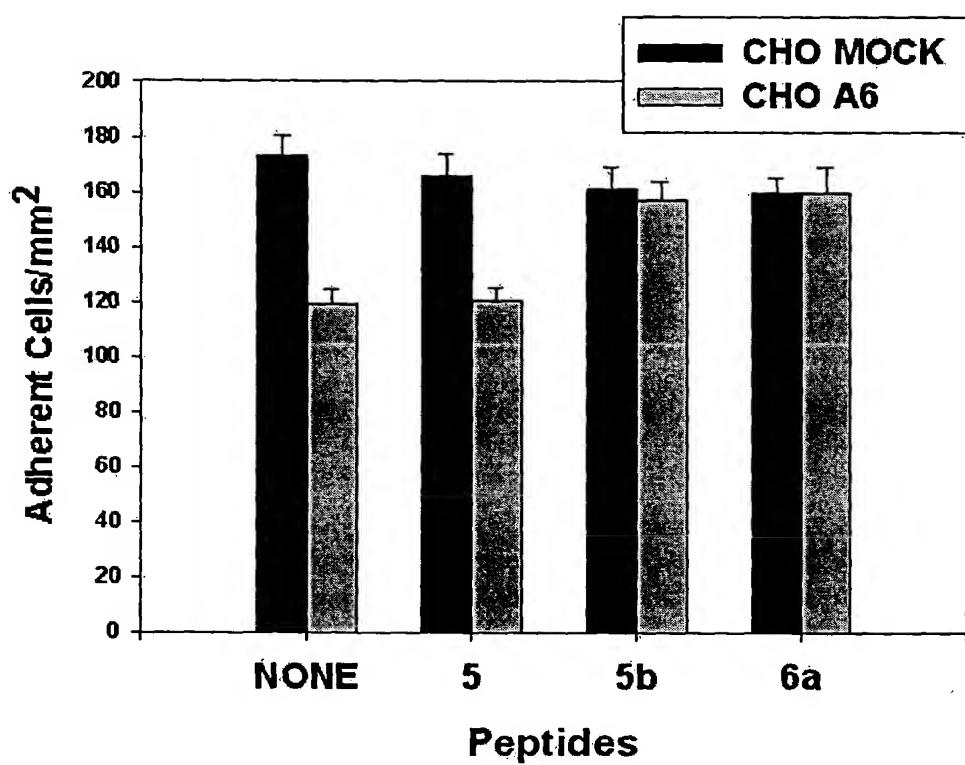
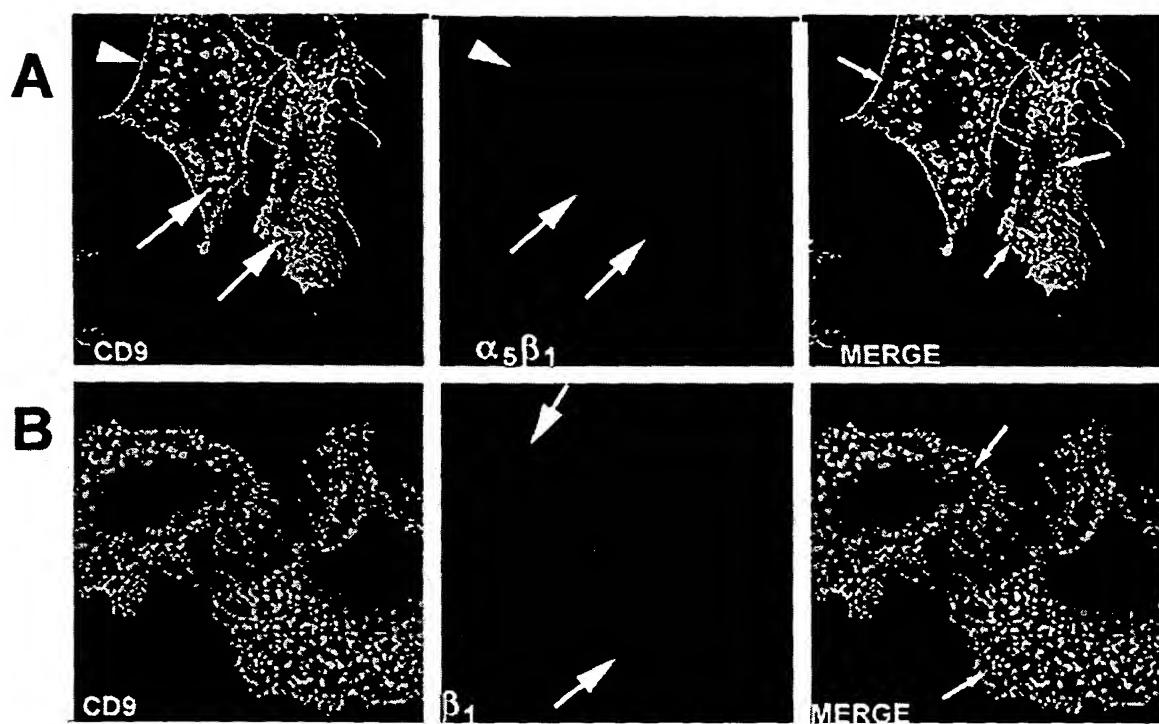
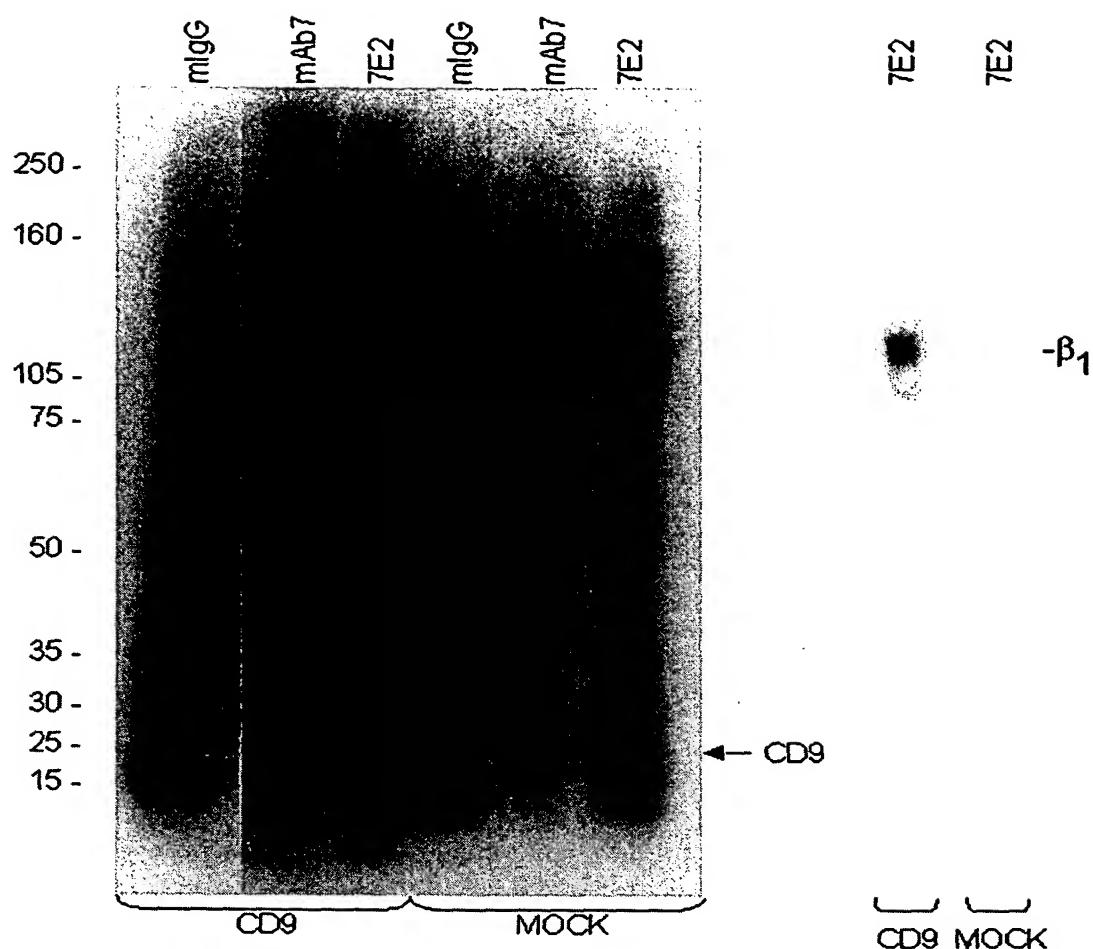


Figure 8C



Figures 9A-B

**Figure 10A****Figure 10B****Figure 10C**

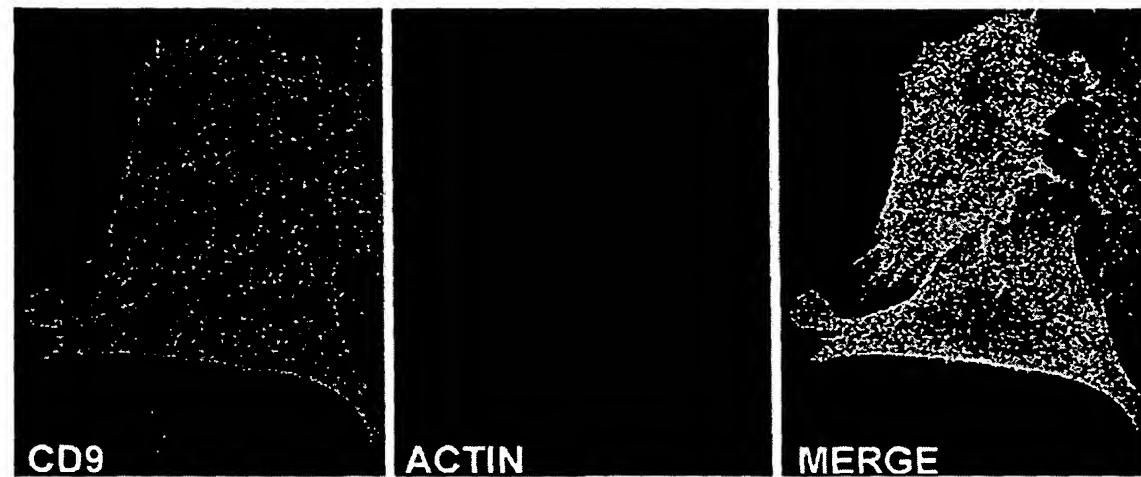


Figure 11

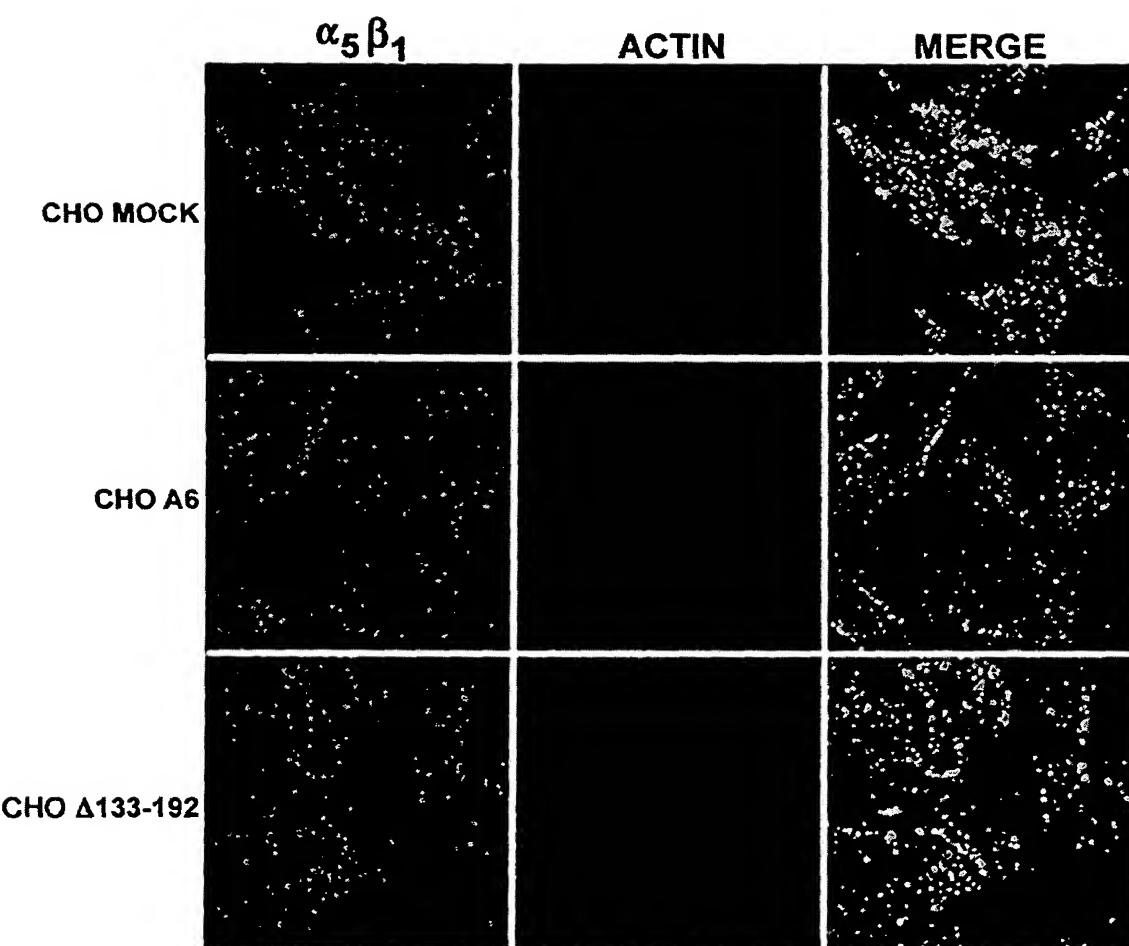


Figure 12

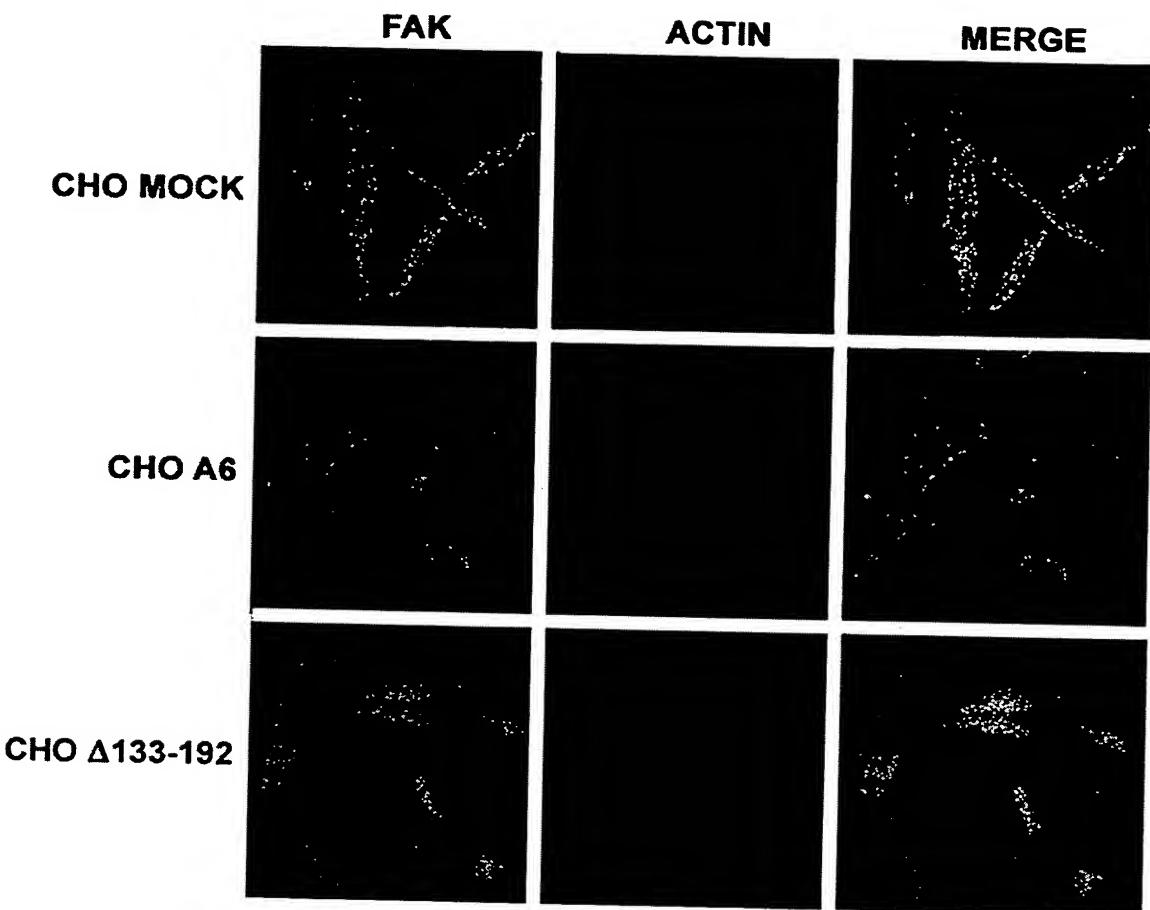


Figure 13

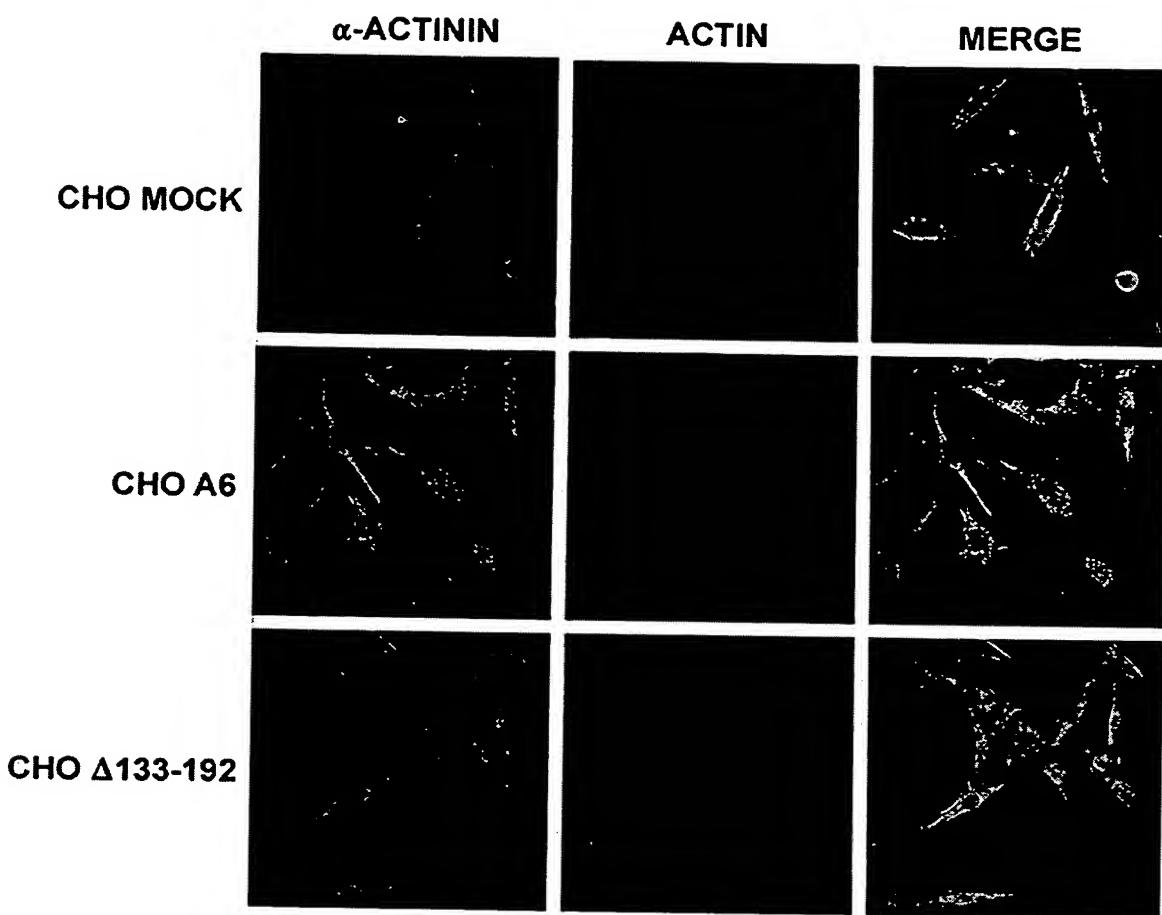


Figure 14

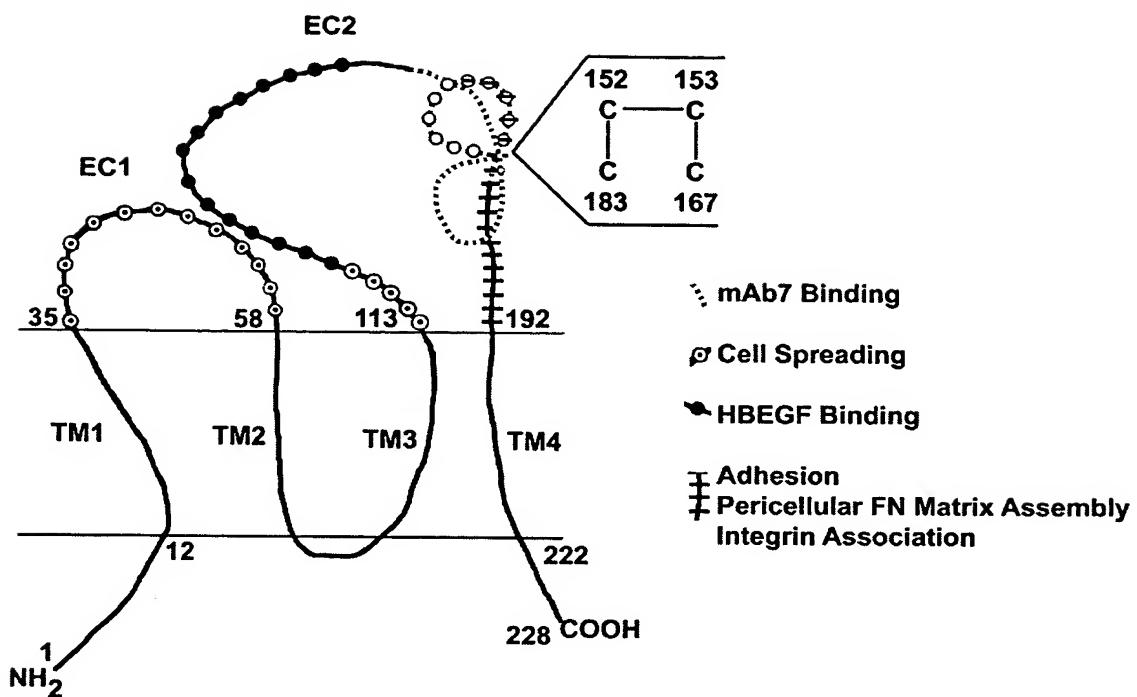


Figure 15

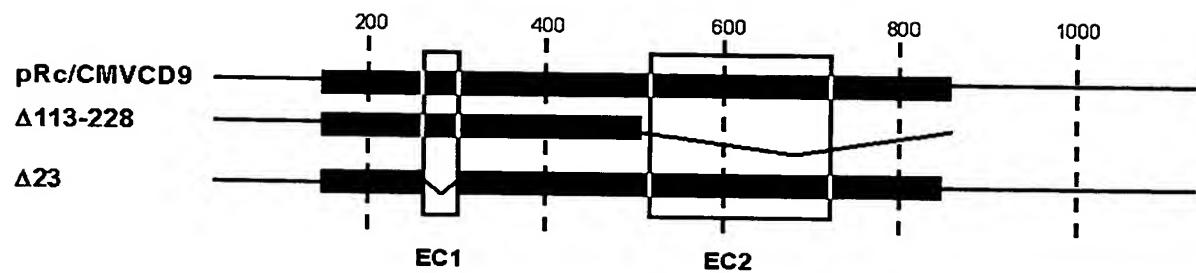


Figure 16

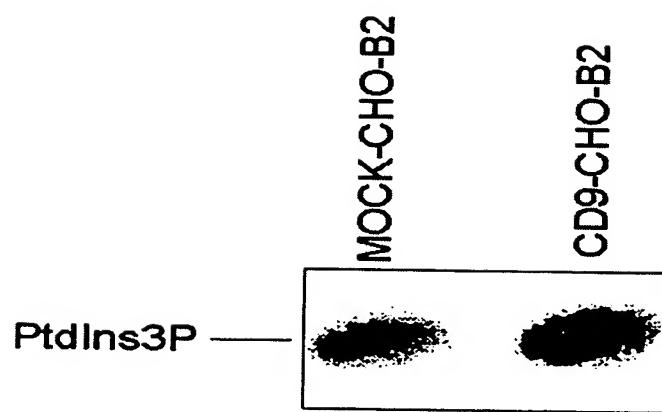


Figure 22

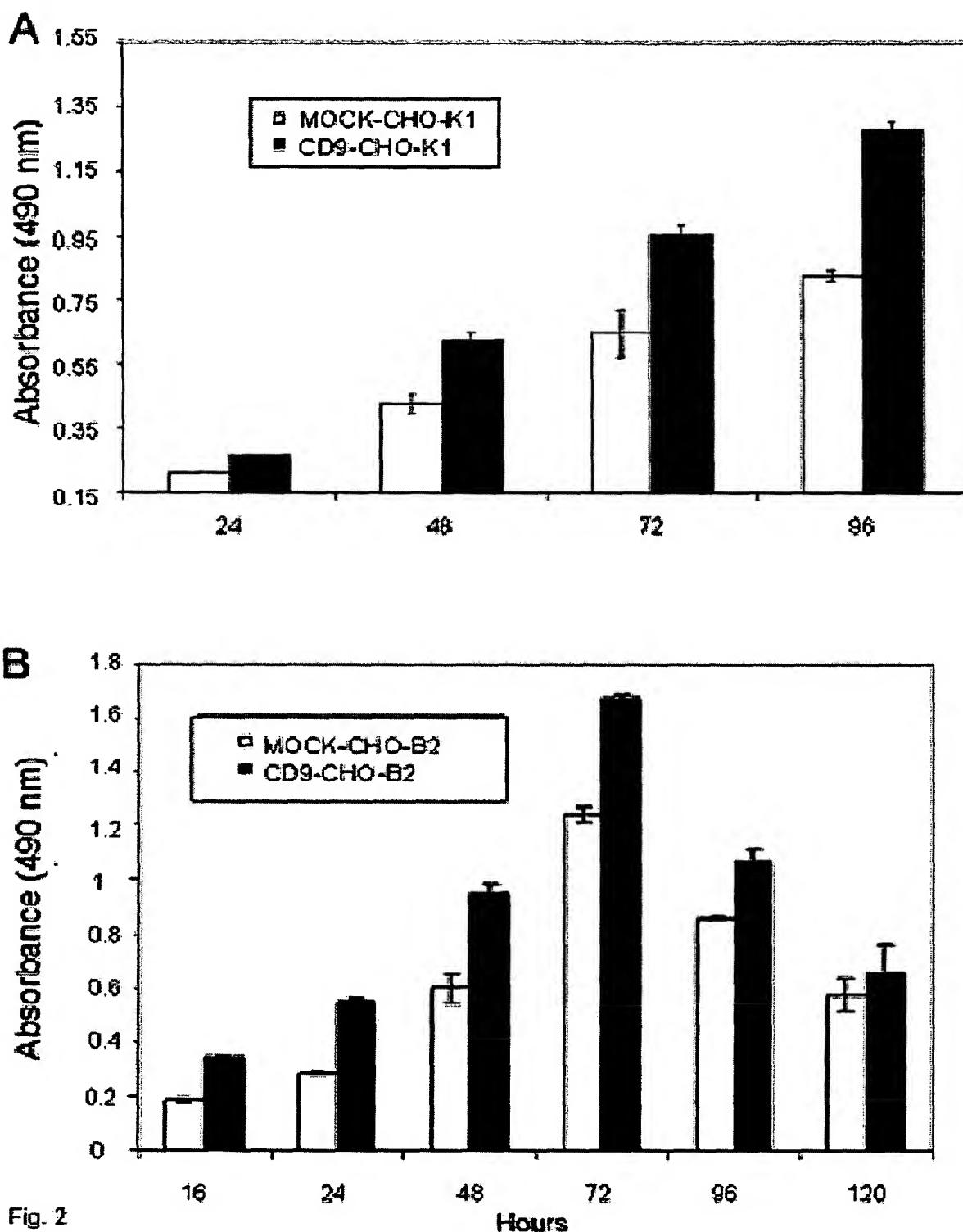
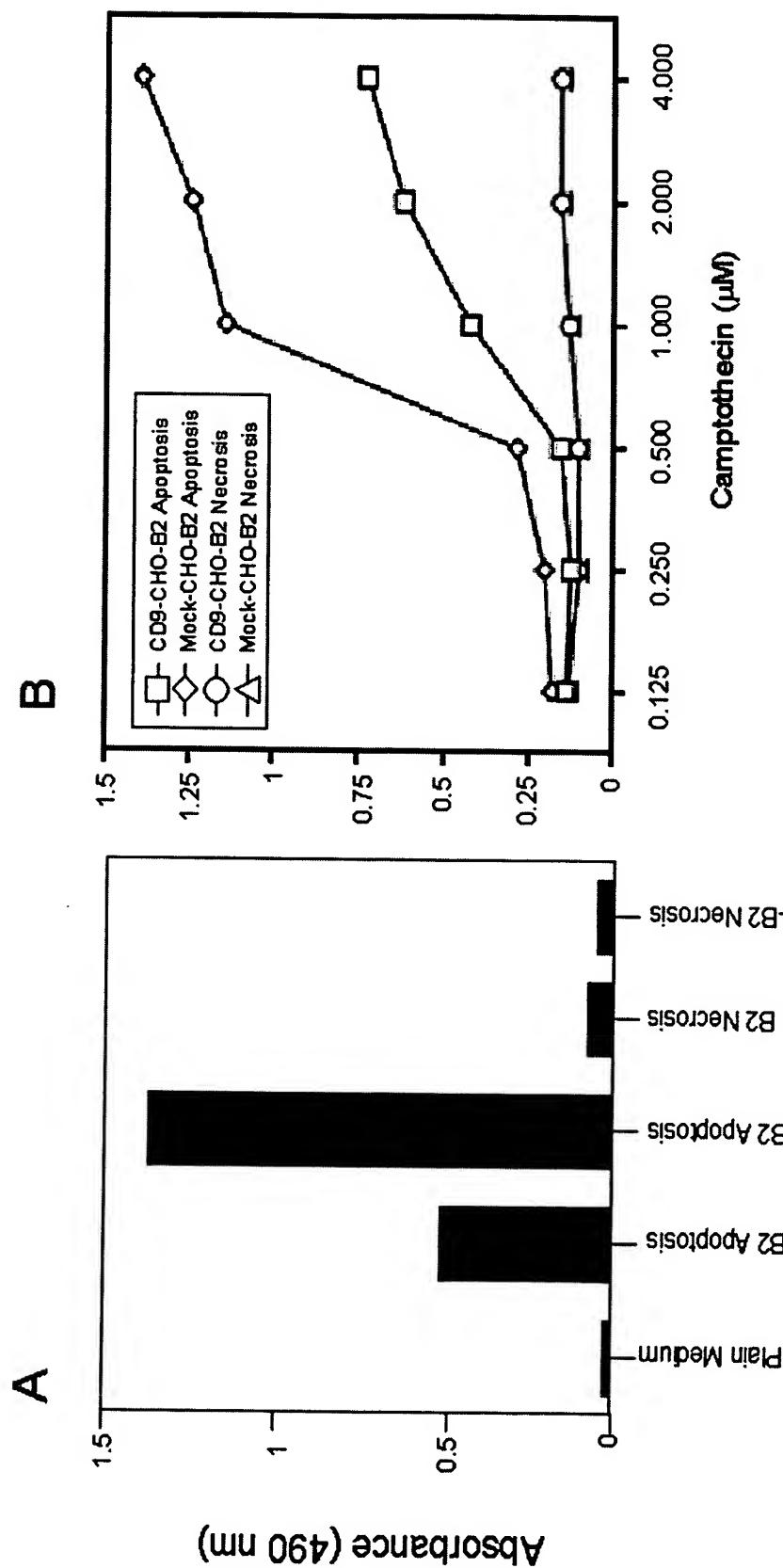
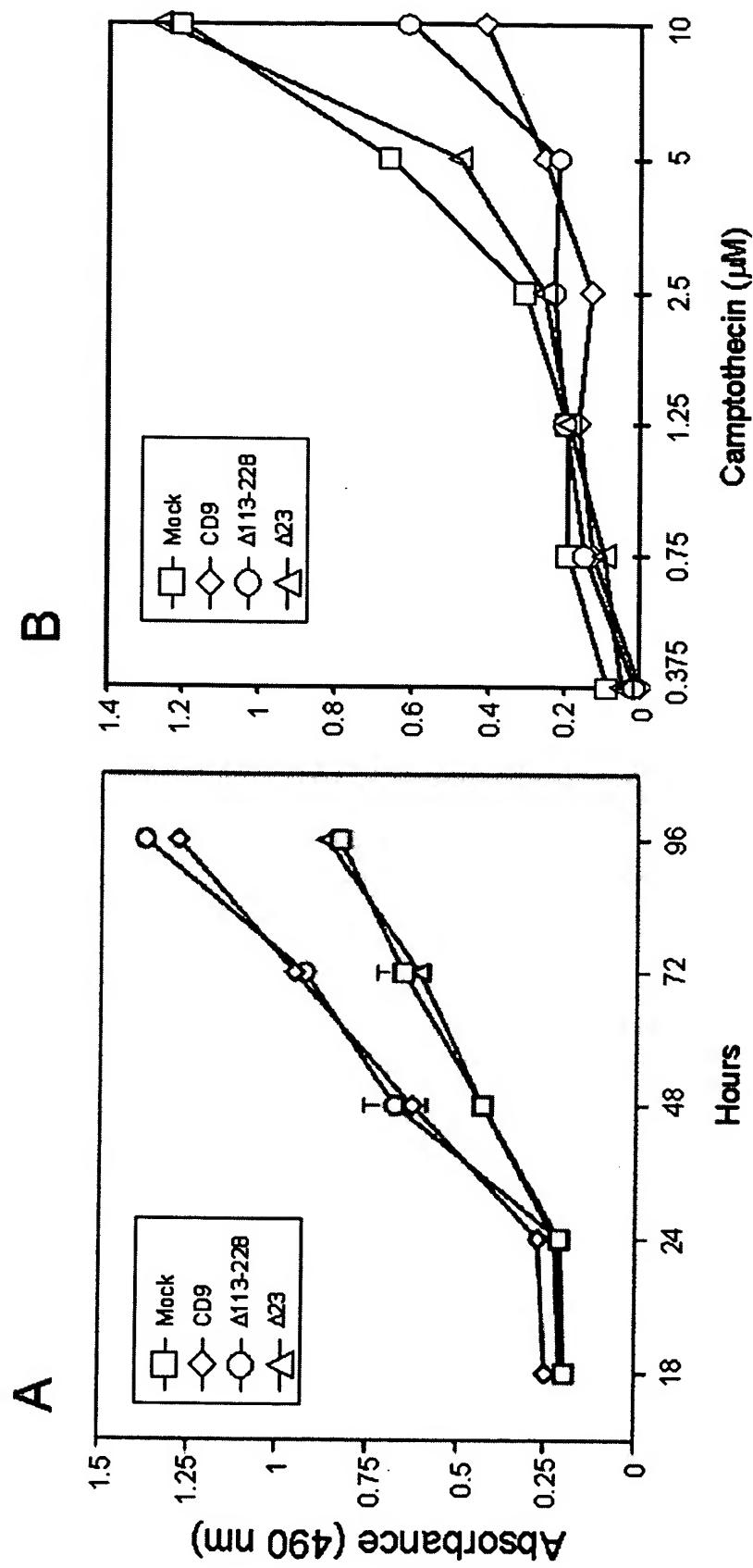


Fig. 2

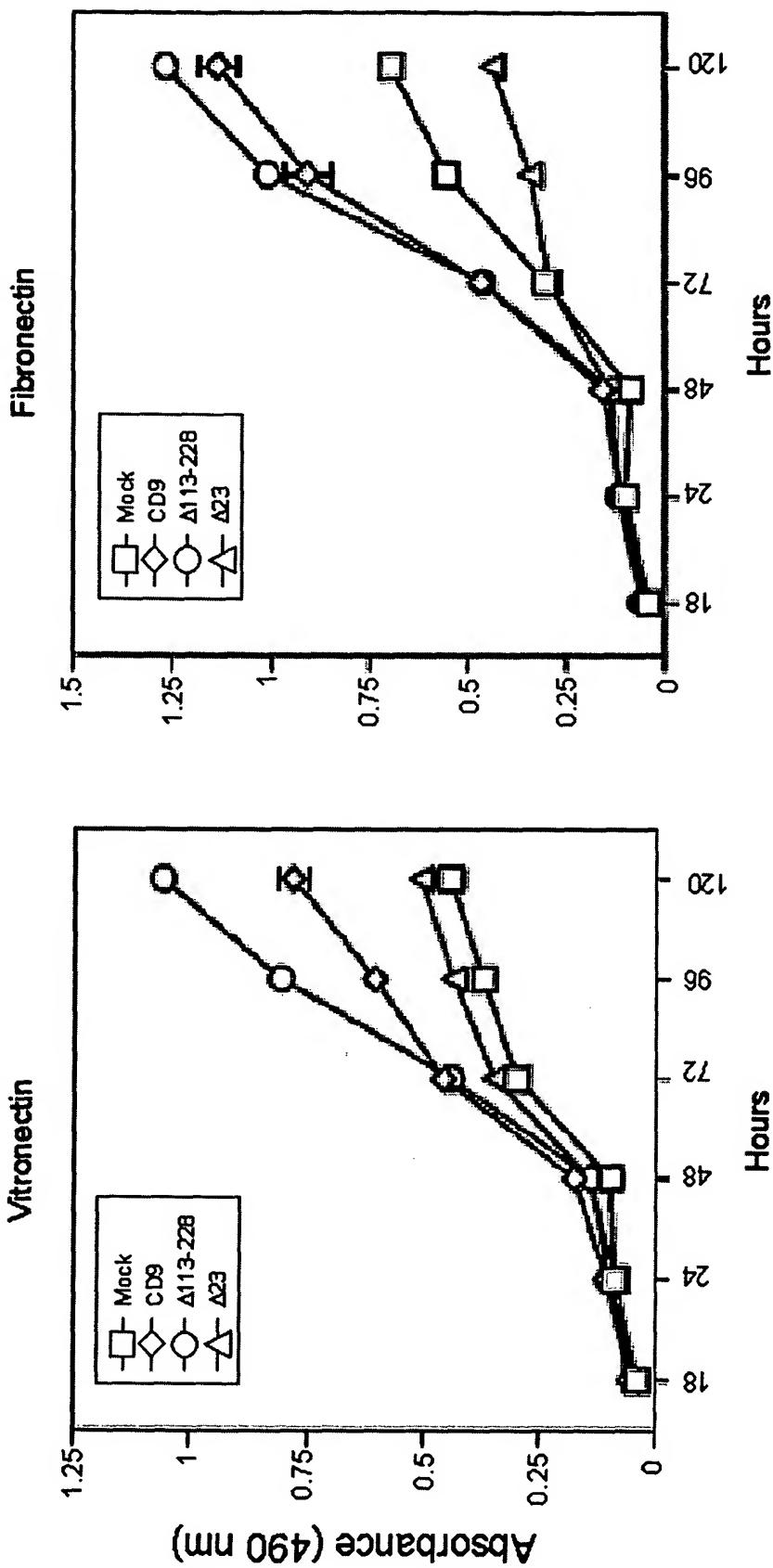
Figures 17A-B



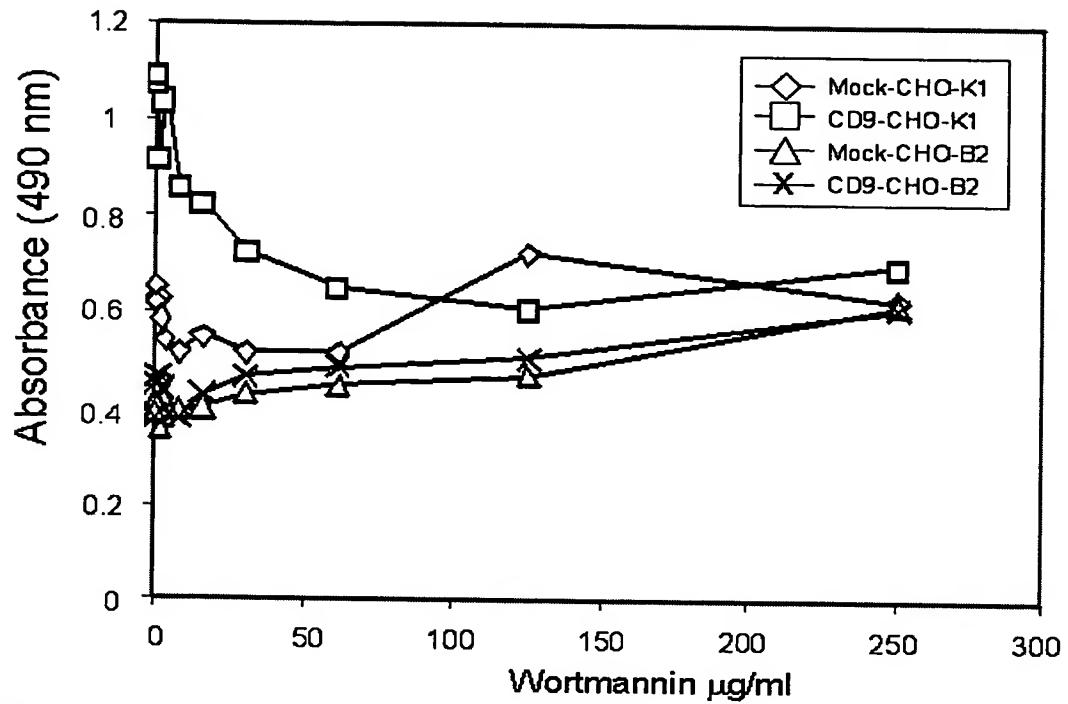
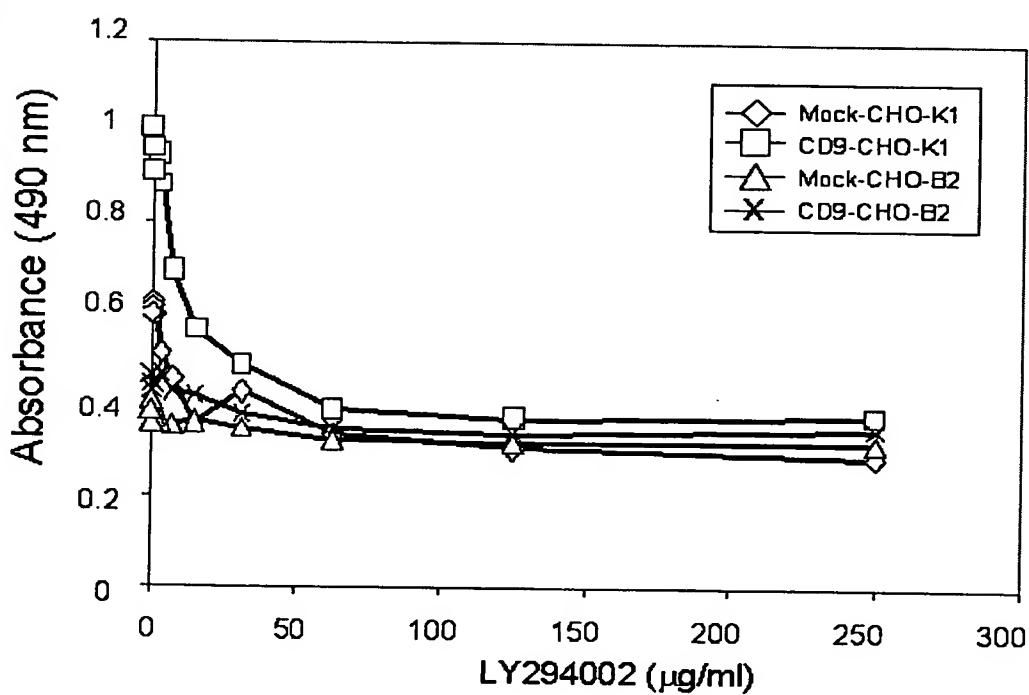
Figures 18A-B

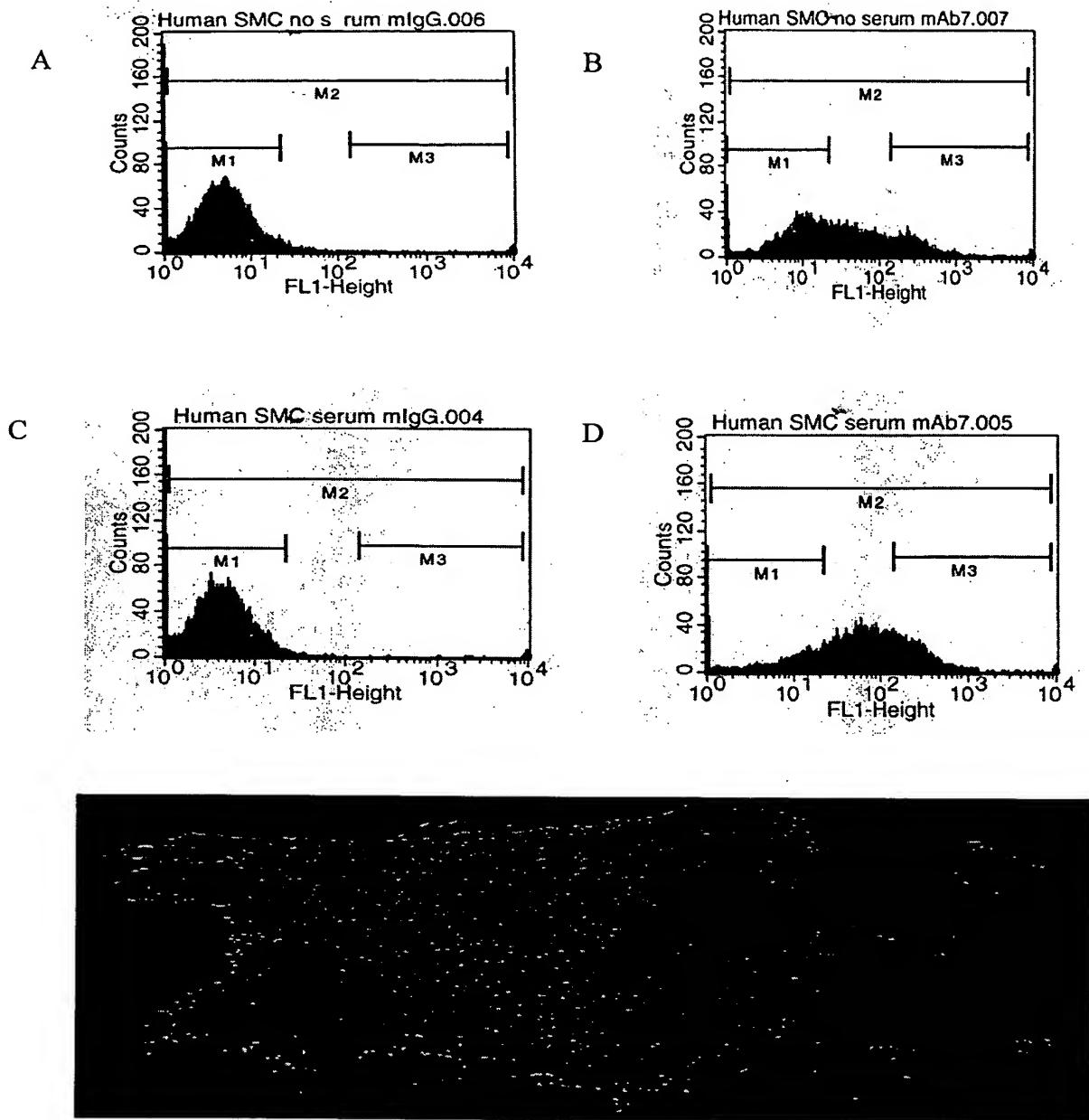


Figures 19A-B



Figures 20A-B

A**B****Figure 21A-B**



Figures 23A-E

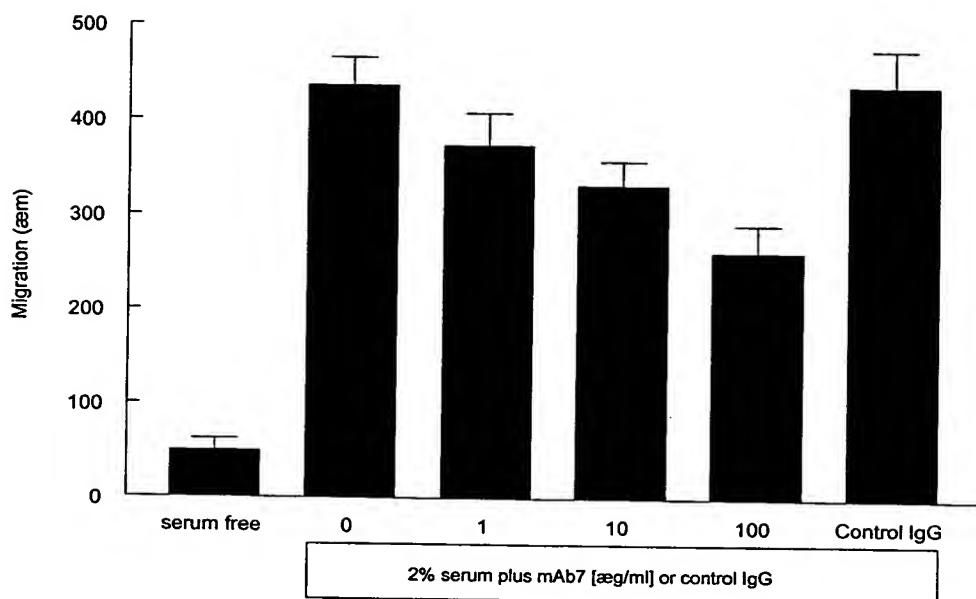


Figure 24

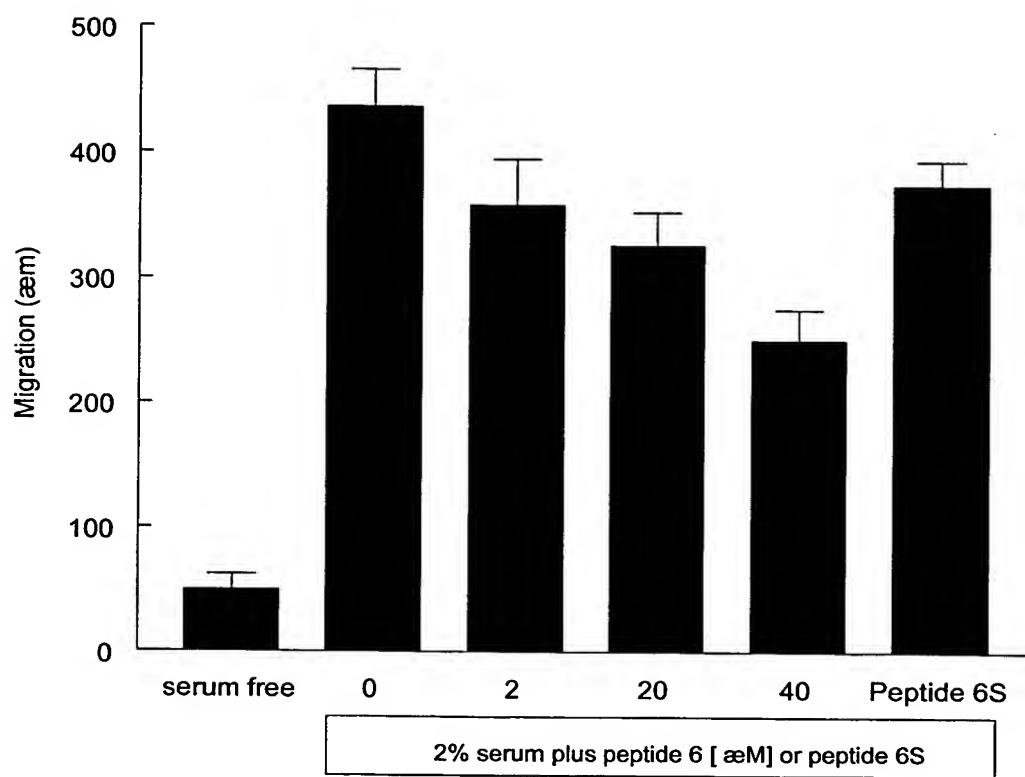
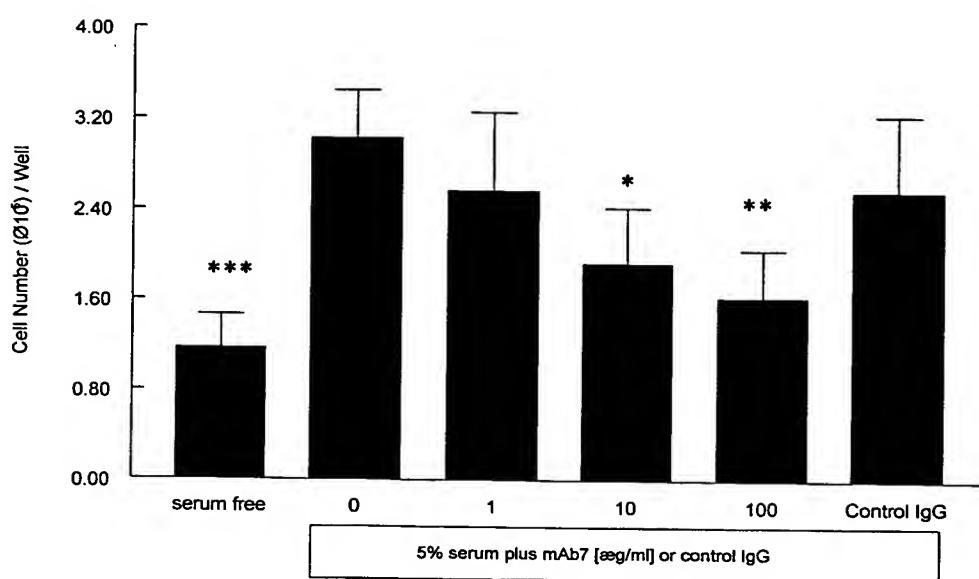
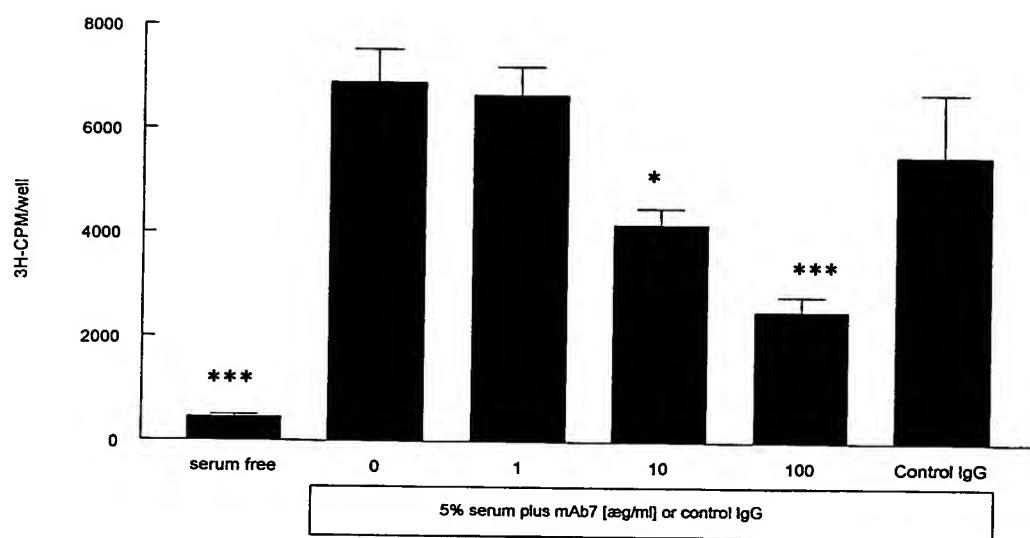
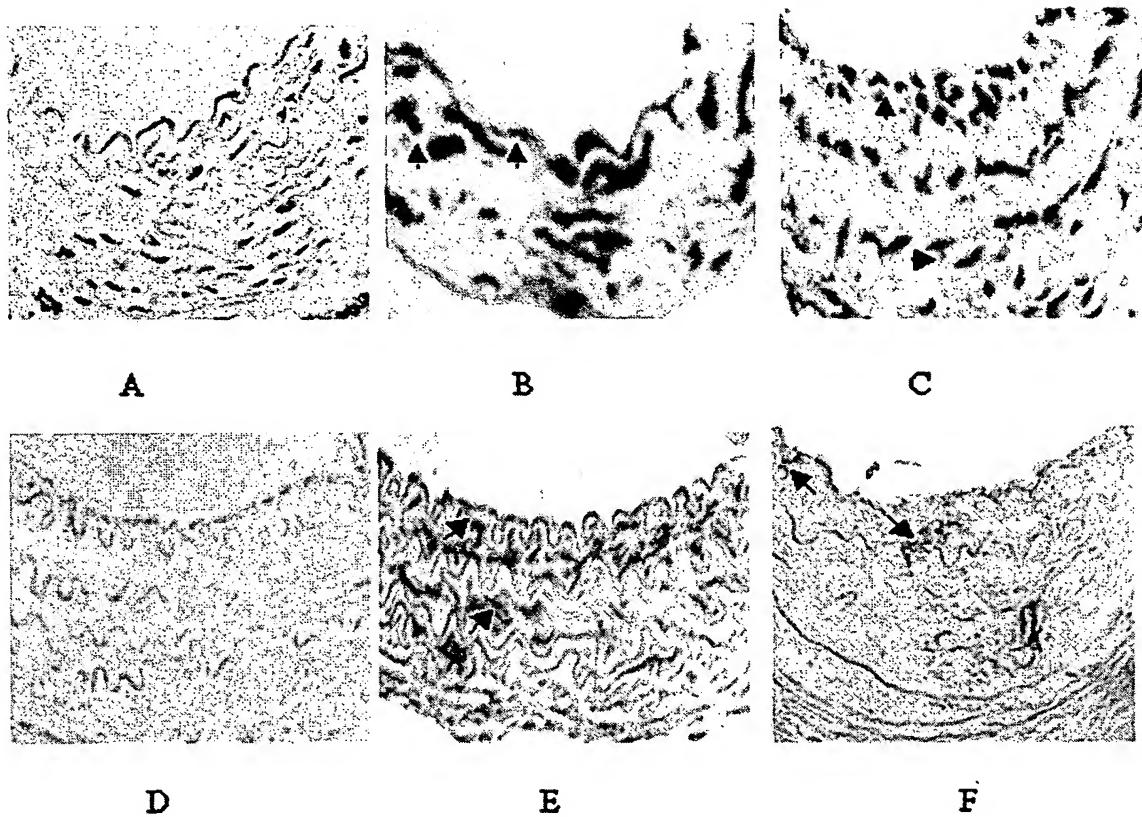


Figure 25

A**B****Figures 26A-B**



Figures 27A-F

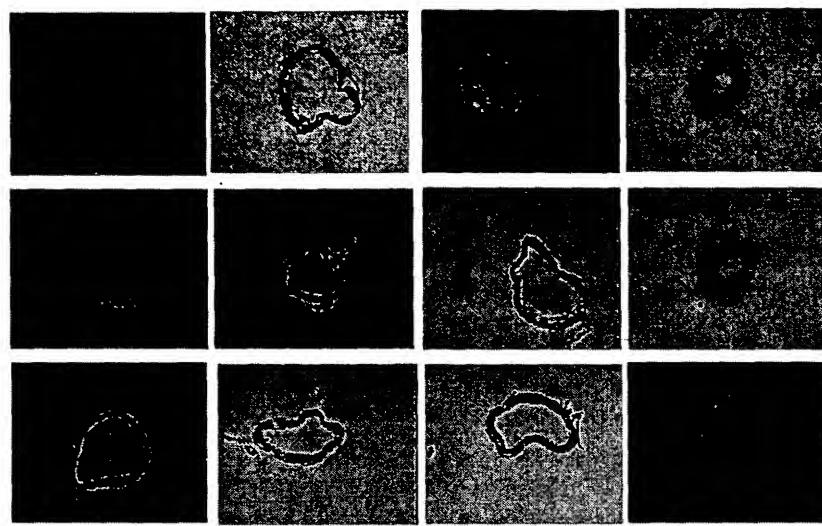


Figure 28A

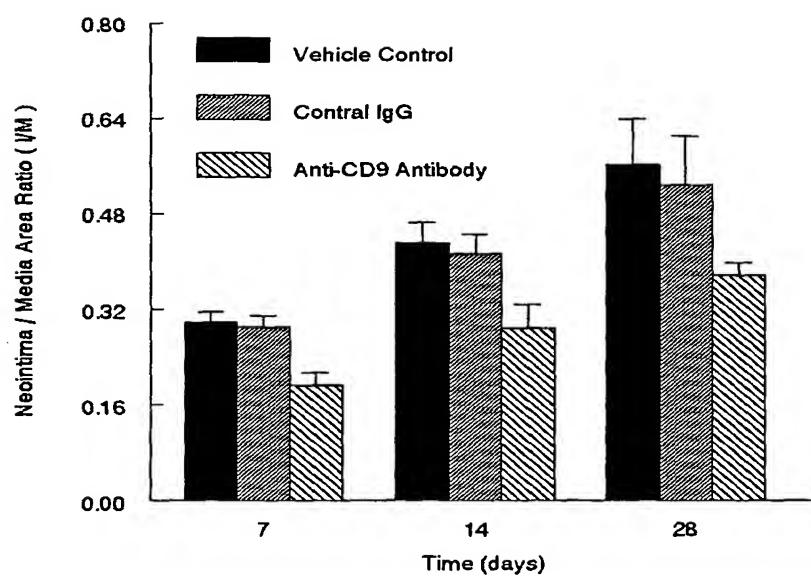


Figure 28B